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XRPX Acc No: N92-202451

Organic dispersion type electroluminescent panel - in which metal foil of metal-clad laminated plate is used as back electrode NoAbstract

Patent Assignee: HITACHI CHEM CO LTD (HITB )

Number of Countries: 001 Number of Patents: 001

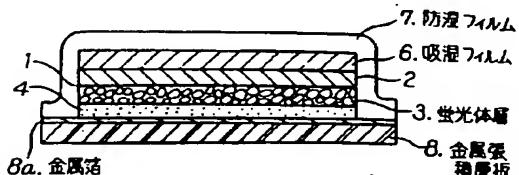
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 4181688	A	19920629	JP 90310034	A	19901115	199232 B

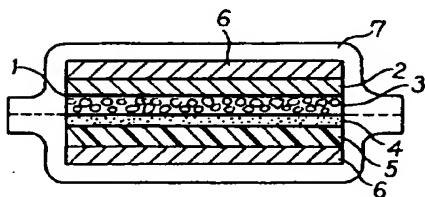
Priority Applications (No Type Date): JP 90310034 A 19901115

Patent Details:

Patent No	Kind	Land Pg	Main IPC	Filing Notes
JP 4181688	A	3	H05B-033/04	



第 1 図



第 2 図

Title Terms: ORGANIC; DISPERSE; TYPE; ELECTROLUMINESCENT; PANEL; METAL; FOIL; METAL; CLAD; LAMINATE; PLATE; BACK; ELECTRODE; NOABSTRACT

Derwent Class: L03; U14

International Patent Class (Main): H05B-033/04

File Segment: CPI; EPI

Manual Codes (CPI/A-N): L03-H04A

Manual Codes (EPI/S-X): U14-J02A; U14-J02B

#### ORGANIC DISPERSION TYPE ELECTROLUMINESCENT (EL) PANEL

PUB. NO.: 04-181688 [ J P 4181688 A ]

PUBLISHED: June 29, 1992 (19920629)

INVENTOR(s): ERIGUCHI HIDENORI  
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APPL. NO.: 02-310034 [JP 90310034]

FILED: November 15, 1990 (19901115)

INTL CLASS: [5] H05B-033/04

JAPIO CLASS: 43.4 (ELECTRIC POWER -- Applications); 42.2 (ELECTRONICS -- Solid State Components)

JAPIO KEYWORD: R124 (CHEMISTRY -- Epoxy Resins)

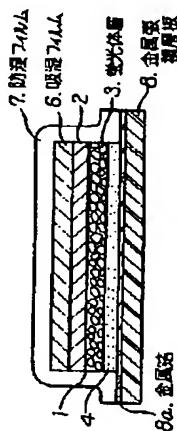
JOURNAL: Section: E, Section No. 1279, Vol. 16, No. 497, Pg. 4,

October 14, 1992 (19921014)

#### ABSTRACT

PURPOSE: To dispense with a moisture absorbing film and a moisture-proof film on the outside due to sufficient moisture-proofness and generate little warp due to rigidity by using a metal-clad laminated plate for a back electrode.

CONSTITUTION: An insulator layer 4 is laminated in contact with the metal foil 8a of a metal-clad laminated plate 8, then a phosphor layer 3, a transparent conducting electrode 1, a transparent plastic film 2 and a moisture absorbing film 6 are laminated in this order, and the outside is sealed with a moisture-proof film 7. Thermosetting resin or thermoplastic resin is impregnated in a fiber substrate such as paper, fabric or glass cloth, it is heated, pressurized and molded to obtain the laminated plate 8, the metal foil 8a is preferably made of aluminum or copper, and it must be conductive. If the thickness of the foil 8a is set to 18.μm or above, no pinhole is generated, and no moisture passes it. The laminated plate 8 metal-clad on either one side or both sides can be used.



WPI Acc No: 1992-280652/ 199234

XRPX Acc No: N92-214702

Organic dispersion type EL panel suitably used as back light - can be used in liquid crystal display and have longer life performance by eliminating water content in panel NoAbstract

Patent Assignee: HITACHI CHEM CO LTD (HITB )

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 4192291	A	19920710	JP 90321280	A	19901127	199234 B

Priority Applications (No Type Date): JP 90321280 A 19901127

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
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